

INDIANA GIS INITIATIVE

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INGISI 2000 Quarterly Meeting Schedule

- July 20, 2000
9:30 – 11:30 am
- October 19, 2000
9:30 – 11:30 am

INGISI E-Calendar of Events

Stay abreast of INGISI meetings, subcommittee meetings, regional training and conference events, and more www.state.in.us/ingisi

OPEN PUBLIC MEETING ANNOUNCEMENT

Please attend the next Indiana GIS Initiative meeting at the Indiana Government Center Conference Training Center Room 5 from 9:30 to 11:30 am on July 20, 2000. A pre-meeting ice-breaker will start at 9:00 am.

AGENDA

1. Introductions
2. Introducing the Indiana Geographic Information Council
 - a. Purpose
 - b. Structure
 - c. Membership
4. Status of grant awards and activities
 - a. Metadata project
 - b. Indiana Spatial Data Infrastructure (proposed)
 - c. Model Framework for Regional

User Groups (proposed)

5. Subcommittees – it has been one year since subcommittees (Education, Web Development, Networking, Standards, Metadata) were appointed and tasked with their respective activities. We also have a new Data Sharing Subcommittee. We will report on activities, identify chairs and co-chairs, have a subcommittee signup, and identify appropriate tasks and roles for the coming year.
6. Recognize the contributions of the Council workgroup and INGISI Steering Committee.
7. Update on the Indiana State Government GIS Task Force and the GIS Director search.
8. Additional comments / floor open for discussion.

INGISI MEMBER, THE SCHNEIDER CORPORATION, CREATES NEW INGISI LOGO

As an ad hoc organization, the Indiana GIS Initiative often relies on its members for assistance of one kind or another. And when the INGISI Steering Committee needed a logo for important documents and publications, Steering Committee member Eric Torok of The Schneider Corporation offered their graphic artist services and provided the attractive new logo you see here. Similar services have been provided in the past by INGISI members, like when Access Indiana Information Network, along with the Web Development Subcommittee, designed the INGISI web site. Special thanks!



INTRODUCING THE INDIANA GEOGRAPHIC INFORMATION COUNCIL

In 1998, thirty-nine government, academic and industry representatives signed the *Indiana GIS Initiative Commitment to Success*. Over the last year, the INGISI Steering Committee and membership recognized the need to establish a formal body for statewide coordination as the next step in following through with this commitment. That effort has culminated in the establishment of the Indiana Geographic Information Council (the Council). The establishment of the Council:

- Responds to a well documented need for statewide GIS coordination;
- Enables fiscal management and project development; and,
- Facilitates and broadens participation, co-operation and communication.

A Proclamation (see insert) by Governor Frank O'Bannon was issued in June recognizing the Council as the statewide GIS coordinating body for Indiana.

As stated in the Council's draft Bylaws, the general purpose of the Indiana Geographic Information Council is to promote efficient and effective use of resources by providing leadership and direction in the development, management, and use of geographic information in Indiana. The Council serves to provide direction for and encouragement of broad participation in the Indiana GIS Initiative (INGISI). The Council makes recommendations in the areas including, but not limited to, policies, institutional arrangements, standards, education, funding, and stewardship.

The objectives of the Council are the same as INGISI: to provide for the coordination of Indiana geographic information systems (GIS) through dissemination of data and data products, education and outreach, building partnerships, and adoption of standards.

Membership of the Council is truly statewide – it promotes equity through representation by every major GIS sector in the state. The Council is composed of 25 member seats, representing

various interests. Council members will follow a two-year staggered rotation, providing continued opportunity for INGISI members to participate. The figure demonstrates the structure of the Council and its relationship to the Indiana GIS Initiative. Where applicable, membership was sought by professional associations that represent particular GIS sectors, such as Counties and Surveyors.

The Council will be responsible for strategic planning, providing executive guidance for the developing statewide spatial data infrastructure, and facilitating the INGISI. The Council replaces—and expands—the existing INGISI Steering Committee in both form and function.

The first business meeting of the Council is scheduled for August 10, when it shall, as its first order of business, ratify its by-laws, charter, and organizational structure.

“increased and continued cooperation among state and local government and the statewide geographic information systems community is desirable and critical for data-sharing initiatives”



STATE OF INDIANA

EXECUTIVE DEPARTMENT
INDIANAPOLIS

PROCLAMATION

Executive Order

TO ALL TO WHOM THESE PRESENTS MAY COME, GREETING:

- WHEREAS, in the past decade, governmental agencies, educational institutions and private industry have developed increasingly powerful computer systems designed to process and analyze map and other spatial information, collectively called geographic information system (GIS) technology; and
- WHEREAS, geographic information system technology can be used strategically as a decision-making tool in such areas as: air resources, agricultural resources, commerce, cultural resources, education, environmental management, facility siting, forestry, geology, health, land resources, natural resources, local government planning, public safety, social services, taxation and revenue, transportation, utilities, waste management, water resources and wildlife; and
- WHEREAS, investment in geographic data, geographic information system technologies and education and training is necessary to make effective use of such data and information; and
- WHEREAS, increasingly complex decisions, overlapping responsibilities and limited financial resources demand the statewide coordination of investments, practices and policies related to geographic data and geographic information system technologies to enhance the sharing and stewardship of geographic data, to minimize duplication of effort and public expenditure and to increase the competitiveness of Indiana; and
- WHEREAS, increased and continued cooperation among state and local government and the statewide geographic information systems community is desirable and critical for data-sharing initiatives; and
- WHEREAS, there are several published Indiana studies that have identified as a priority the need for establishment of a statewide coordinating body in the form of a coordinating council; and
- WHEREAS, an officially designated organization can most strongly represent Indiana's interests in communications and discussions with federal agencies regarding spatial data, spatial data exchanges, spatial data standards and other important issues; and
- WHEREAS, the Indiana GIS Initiative is actively engaged in statewide coordination efforts and project development of geographic data; and
- WHEREAS, the Indiana Geographic Information Council (IGIC) has been formed to establish a strategic management plan to guide the development and implementation of geographic information systems technology for the best value and benefit of the citizens of Indiana and to update the plan biennially; and
- WHEREAS, the IGIC shall be established as a not-for-profit corporation and shall coordinate its activities with those of any existing or future state and local government agency geographic information system coordinating office(s); and
- WHEREAS, the IGIC shall establish a plan to guide the development and implementation of a statewide geographic data-sharing cooperative; and

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Executive Order

TO ALL TO WHOM THESE PRESENTS MAY COME, GREETING:

- WHEREAS, the IGIC shall develop and recommend policies, standards, guidelines and strategies that emphasize cooperation and coordination among Indiana GIS users, federal agencies and other states that are developing and implementing geographic information systems, in order to maximize the value and cost-effectiveness of geographic data and technologies and to avoid redundant activities; and
- WHEREAS, the IGIC shall provide support and advice to member organizations and will not supersede those organizations' internal policies; and
- WHEREAS, the IGIC has been organized to receive grants, contracts, in-kind assistance and/or gifts from governmental agencies, corporations, for-profit and not-for-profit associations; and
- WHEREAS, the IGIC shall provide assistance with disputes among geographic information systems partners; and
- WHEREAS, the IGIC shall report its findings and recommendations to the Governor and the state Chief Information Officer; and
- WHEREAS, this report shall include requirements, goals and an implementation plan for the coordination and development of a statewide geographic information infrastructure; and
- WHEREAS, biennial reports shall regularly include the status of coordination of Indiana geographic information systems through dissemination of data and data products, education and outreach, building partnerships and adoption of standards; and
- WHEREAS, the IGIC will accomplish its mission through regularly scheduled meetings, and as necessary, subcommittee and workgroup meetings;

NOW, THEREFORE, I, FRANK O'BANNON, Governor of the State of Indiana, do hereby recognize the establishment of and participation by the state in the

INDIANA GEOGRAPHIC INFORMATION COUNCIL

in the State of Indiana.

IN TESTIMONY WHEREOF, I have hereunto set my hand and caused to be affixed the Great Seal of the State of Indiana at the Capitol in Indianapolis on this 5th day of June, 2000.

BY THE GOVERNOR: Frank O'Bannon
Governor of Indiana

ATTEST:

Sue Anne Gilroy
Secretary of State



INDIANA GEOGRAPHIC INFORMATION COUNCIL MEMBERS

It is with distinct pleasure that we welcome the members of the new Indiana Geographic Information Council. Council members represent a very diverse base of GIS users in the state and provide good geographic distribution.

The membership of the Indiana Geographic Information Council shall be comprised of no more than twenty five (25) members representing the statewide GIS user community, comprised of the following constituencies: County Government (2), Municipal Government (2), State Government (2), Federal Government (2), Not-for Profit (2), Commercial GIS Service Provider (2), Regional GIS Consortia (2), Private Industry (2), Surveyors (2), Universities (2), Regional Planning Commissions (1), Utilities (2), and Other (Any Sector or None) (2).

Finding GIS Data with Metadata: How to Read Metadata Like a Shark

This represents the second of a series of three short articles describing the purposes, uses, and development of metadata for geospatial data sets. Next time look for "When Your GIS Tech Gets Hit by the Bread Truck: Maintaining Your Data Investment"

Metadata is data documentation—we use metadata to describe the what, when, where, why, who and how about data in a consistent and logical format. The FGDC Metadata Standard is a powerful tool that allows owners of data to maintain the value of their investment, and it is critical to data sharing. Reading metadata like a shark will help you search for data by quickly and easily navigating FGDC-compliant metadata files. And the bonus: familiarizing yourself with how other people will use and read your metadata will help you with your own data documentation efforts.

The metadata standard is used to document the characteristics of data so that consumers can determine the data's fitness for their purpose. The major uses of metadata are:

- to help organize and maintain an organization's internal investment in data,
- to provide information about an organization's data holdings to data catalogs, clearinghouses, and brokerages, and,
- to provide information to process and inter-

GIS Community Sector	Member
County	Matt Brooks, Executive Director <i>Association of Indiana Counties (Travis Whorl)</i>
County	Larry Stout, GIS Manager <i>Hamilton County</i>
Municipal	Mike Machlen <i>City of Elkhart</i>
State	TBA (posted) — <i>State GIS Director</i>
State	Kevin Miller <i>Indiana Dept. of Environmental Mgt.</i>
Federal	Jane Hardisty, State Conservationist <i>USDA Natural Resources Conservation Service</i>
Federal	Lindsay Swain, District Chief <i>US Geological Survey</i>
Not-for-Profit	Bob Weaver, President <i>Hoosier Heartland / IASWCD, Inc.</i>
Commercial GIS Service Provider	Jim Stout, GIS Senior Consultant <i>Analytical Surveys Inc.</i>
Commercial GIS Service Provider	Eric Torok, GIS Director <i>The Schneider Corporation</i>
Regional GIS Consortia	Becky McKinley, Co-Chair <i>NW Indiana GIS Forum</i>
Regional GIS Consortia	David Mockert, GIS Administrator <i>City of Indianapolis</i>
University	John Hill, Assistant Director <i>Indiana Geological Survey at Indiana University</i>
University	Jill Saligoe-Simmel, Sr. Research Associate <i>The Polis Center at IUPUI</i>
Surveyor	*Dianne Bennett <i>Indiana Society of Professional Land Surveyors</i>
Surveyor	Jay Poe, Huntington County Surveyor <i>Association of County Land Surveyors</i>
Regional Planning Commission	Lisa Gehlhausen <i>Indiana 15 Regional Planning Commission</i>
Private Industry	Lou Zickler, Executive Board Member <i>Association of Indiana Realtors</i>
Other (Any sector or None of the above)	Michael Andrews, Graphics Engineer Manager - <i>Indiana Dept. of Transportation</i>
Other (Any sector or None of the above)	*Kathleen Lamb Kozenski, Assistant Director <i>Geographic Educators Network of Indiana</i>

pret data received through a transfer from an external source.

Given those purposes, users find metadata in many places. Your organization's metadata may reside on PC's or your internal network. Metadata are typically housed and searched through clearinghouses, locations accessed through the Web (<http://clearinghouse1.fgdc.gov/FGDCgateway.html>). Indiana's metadata

*appointment pending



The Polis Center

We bring things into perspective.SM

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Mailing Address Line 1
Mailing Address Line 2
Mailing Address Line 3
Mailing Address Line 4
Mailing Address Line 5

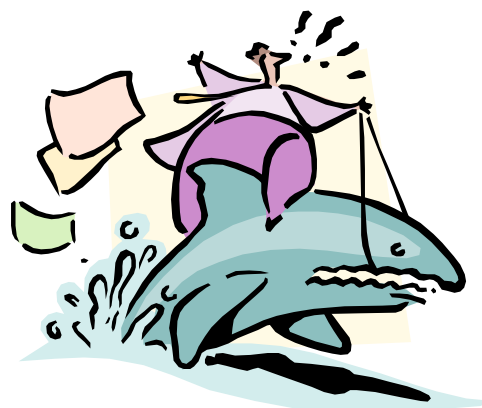
*All FGDC-Compliant
metadata records have
sections 1 and 7;
Sections 2—6 are not
always present.*

HOW TO READ METADATA LIKE A SHARK (CONT. FROM P-3)

access site will soon be up at http://www.state.in.us/ingisi/info_catalog/index.html.

Metadata carefully document the content and quality of a dataset, and as such it can be time-consuming and frustrating to scan through several metadata files. Go to one of the above metadata clearinghouses and try "reading metadata like a shark" to quickly identify data of potential value, then look at the details of those metadata later.

What metadata users need to know first is "what is the data about and is it accessible by me?" At the end of each metadata section you can keep going, or stop and skip to the next metadata record. Start at Section 1: Identification Information—read the Title, Abstract (Do the data suit your needs?) and Access and Use Constraints (Can you get the data? If so, can you use it?). Section 6: Distribution Information—Distribution Liability (who is responsible for the data?) and Distribution (how can you get the data? Can you afford it?). Section 5: Entity and Attribute Information—(Are the data items you need part of the data set?) Section 5: Data Quality Information—Data Quality (How accurate are the data?) and Section 3: Spatial Reference Information—Projection Information (How do you import the data?)



This is a good starting point to read metadata quickly and efficiently. To learn more about metadata, go to http://www.state.in.us/ingisi/tool_kit/index.html and www.fgdc.gov. The Polis Center at IUPUI is offering two metadata workshops this Fall: **Metadata for Managers** Sept. 5 and Nov. 10 8:30 am-11:30 am and **Protecting Your Data Investment** Oct. 16-17 (Oct. 16 8:30-4:30 pm, Oct. 17) 8:30-11:30 am). INGISI grant funding may make a fee waiver available for these workshops. Please contact The Polis Center for additional information 317-274-8400 www.polis.iupui.edu. Special thanks to Nina Savar of the Northeastern Illinois Planning Commission for materials.